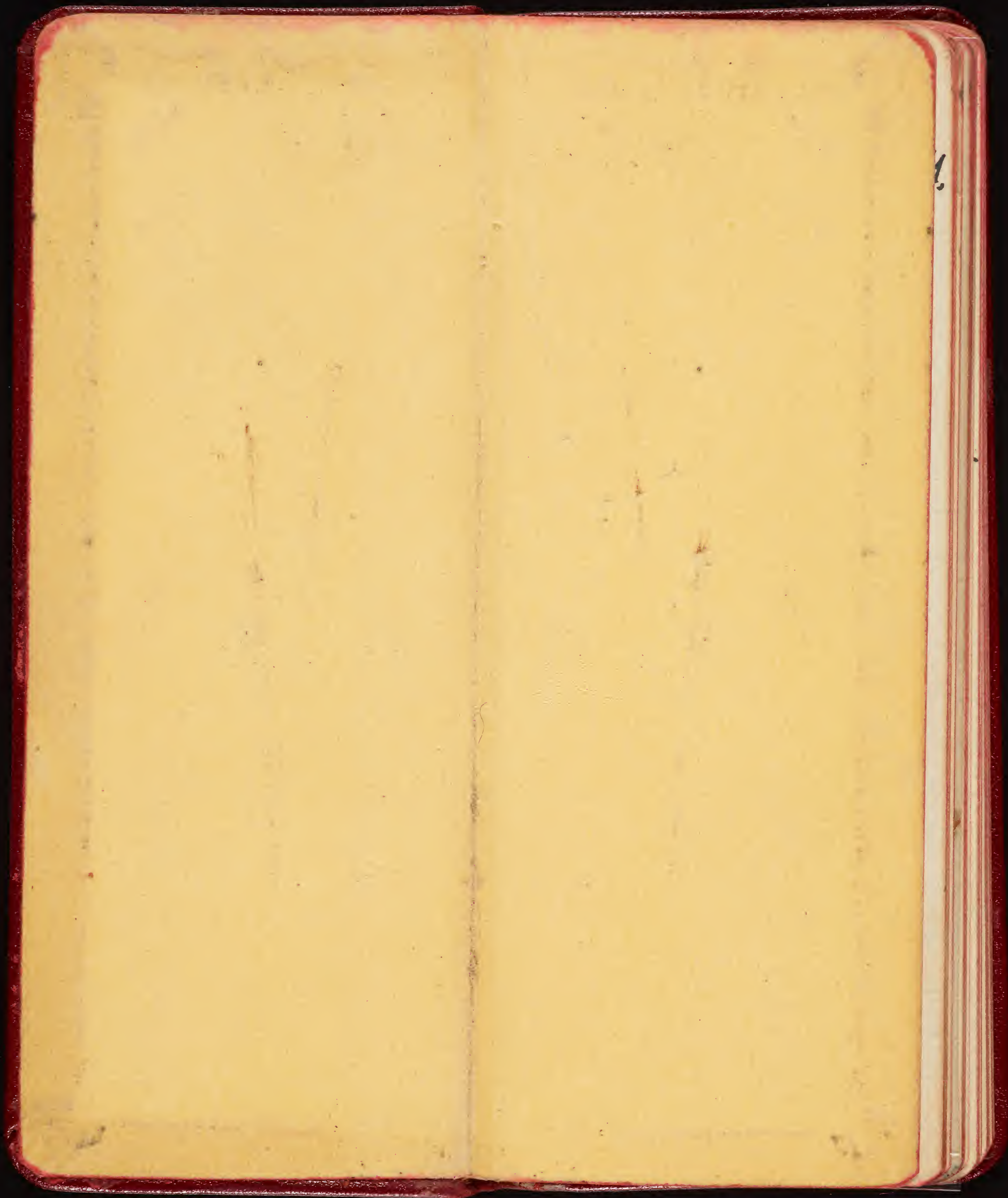


1913

North Dakota
Wyoming



1 P.M.

ttts

burg -

1913

June 18.

Left Washington 6 P.M.

Camp at Mr. Bartlett's,
beyond Gaithersburg.

June 19 - To

Clarkstown -

Fredrick

Hagerstown

Morrisburg

Green Castle
Camp on mtn.

June 20 —

McCormickburg, Pa.

Over ridge
Juanita River

hwy -

Bedford
Goodman

Camp on ridge
fixed fence

June 21

Shillaburg 5 mi
over Nets

Alghary Nets
Conakins 3 mi 5 mi

aspen

Chowara - white

Aspen pennsylvanicum

Betula glandulosa

Pinus strobus

Kantner

Zsuga

Pinus strobus

Stollstown

Transition

Fassettown

still transition

Lothungton Hill

Youngstown

Camp

June 22 Ohio

Warren 4 mi.

Stocoris, first

Aspen, a few on
sandy bank places

Betula

Prunus

Spizella socialis

Chelard

Oberlin

Bellevue

Camp

Toledo

~~Stocoris~~
Stocoris

June 24

Clyde

Detroit 2 P.M.

June 25 left Detroit
2 P.M.

Ypsilanti

Mandchester camped.

Clinton

June 26 left 8 AM

Citellus lineatus
(18 mi. W. of Clinton)

Otocoris

Coldwater 12 M.

Train to Chicago, 6 PM

June 27

Minneapolis
Elk River

Meadow Vale

Arizotis imber 1

Bonasa

Zympanchus 1

Colinus com.

Hydrochelidon, com

Botaurus 1

Bubo borealis 1

Accipiter cooperi 1

Zenaidura abn.

Ceryle 1

Coccyzus 1

Colaptes com

Dryobates a few

Myiarchus com.

Chordeiles com.

Tyrannus tyrannus com

Empidonax traillii

Contopus com.

Sayornis "

Corvus " yg.

Ammodramus " "

Agelaius " "

Melospiza "

Dolichonyx "

Struthio "

July 3 Elk River, 10 AM.

~~N. P. Train to Fargo.~~

~~St. Cloud~~

~~Wetab~~

Icterus galbula, com.

Pyrranga rubra "

Melospiza "

Pooecetes "

Spizella socialis "

" pusilla "

" pallida "

Ammodramus 1

Hirundo com

Progne "

Astragalinus tristis "

Lanius 2

Coccyzus a few

Vireo olivaceus com

Sitta "

Penthestes "

Troglodytes "

Oumatilla "

Zonotoma a few

Marsh wren

com

Aythya

"

Mirula

"

Sialia

"

Cyanocitta

"

July 3

Elk River #

N.P. for Fargo 10 A.M.

St. Cloud

Watab

Little Falls lunch

Lincoln, fine lakes & swamps

a summer resort,

All Canadian zone.

Tamarack

Spruce

Plum

Aspens

Birches

A few oaks on ridges

Staples

Wadena

Fargo, 7 P.M.

July 4

Fargo, at Gardners Hotel
To Fair to see bird collection
To Agr. College

July 5 - Left 6:10 A.M. on G.N.

To Grand Forks, 8:20

Left Grand Forks 9:20 A.M.

To Devils Lake, 3 P.M.

July 4 Devils Lake.

Sully Hill

Aureus macrocarpa

Fraxinus viridis

Ulmus americanus

Populus tremuloides

" *balsamifera*

Prunus mitis

" *pin*

Amelanchier

Symphoricarpos

Tea

Salix

"

"

Ampelopsis

Vitis

Bittersweet

Rosa

Corylus americana

Penus americana

Negundo

Ribes

"

Rubus

Cornus

Rhus Tox

Asalia - saxifraga

Viola canadensis

Aquilegia

Pyrola rotundifolia

Devils Lake & Sully Hill

July 6,

Pelecanus erythrorhynchos, a few
Larus philadelphia com
Sterna franklini "
Hydrochelidon "
Spatula clypeata 1
Botaurus 3
Zenaidura com
Circus 1
Colaptes 2
Short eared Owl 5
Tyrannus verticalis 1
" tyrannus com
Anisaeetus "
Agelaius "
Molothrus "
Larus gahala & 49 "
Zamelodia, rose, 4
Melospiza heard
Pooecetes "
Ammodramus "
Spizella pusilla "

Progne subis com, in town
Hirundo com
Ampelis cedrorum 2
Dendroica aestiva com
Troglodytes "
Minimus carolinensis "
Mirula "
Hylocichla ustulata
Passer domesticus, com

Procyon, 1 fresh track
Citellus 13lineatus com
" richardsoni "

July 7 Devils Lake, 10:30

All the same to Towner
West of Towner 6 or 8 mi.
high sand dune area
reaches 6 or 8 mi. more
to Lehigh.

Still sandy in places
Granville

no more sand -
low ridges & swells
slightly arid
Bartramia 2

Minot 1:40

Boothold

Aurelia, Fred auto hired

Kumeston

Lignite

Crosby

8 PM

Crosby July 8

<u>Symphoricarpos</u>	1
<u>Zonotrichia</u>	1
<u>Agelaius vociferans</u>	2
<u>Bartramia</u>	com.
<u>Circus</u>	1
<u>Ardea flammea</u>	1
<u>Agelaius</u>	com.
<u>Molothrus</u>	"
<u>Calamus spiza</u>	"
<u>Rhyacophanes</u>	"
<u>Poocetus</u>	"
<u>Spizella pallida</u>	"
<u>Otocoris</u>	"
<u>Clavicala riparia</u>	com.
<u>Sturnella</u>	"
<u>Otocoris</u>	"
<u>Passer</u>	

July 7, to hills 15 mi. S.
2250 ft

<i>Chondestes</i>	2
<i>Oxyechus</i>	1
<i>Bastorania</i>	a few
<i>Pediocactus</i>	1
<i>Buteo borealis</i>	1
<i>Archibuteo ferrugineus</i>	1
<i>Circus</i>	2
<i>Asio flammeus</i>	1
<i>Tyrannus tyrannus</i>	3
<i>Agelaius</i>	2
<i>Molothrus</i>	com
<i>Sturnella</i>	"
<i>Rhyncophanes macrurus</i>	"
<i>Coccyzus erythrophthalmus</i>	"
<i>Pooecetes</i>	"
<i>Ammodramus</i>	"
<i>Coturniculus</i>	?
<i>Spizella pallida</i>	a few
<i>Otocoris</i>	com
<i>Calamospiza</i>	"
<i>Chondestes</i>	2

Crosby July 8 -

<i>Rosa arkansana</i>	abn
<i>Symphoricarpos</i>	"
<i>Atriplex nuttallii</i> ?	a little
<i>Anemone nemorosa</i>	"
<i>Gentiana</i>	"
<i>Glycyrrhiza lepidota</i>	"
<i>Astragalus caryocarpus</i>	"
"	"
"	"
<i>Pitalostemon viduatus</i>	com
<i>Psoralea argophylla</i>	com.
" <i>esculenta</i>	1
<i>Pulsatilla patens</i>	com
<i>Grum triflorum</i>	a few
<i>Malvastrum coccineum</i>	com
<i>Artemisia frigida</i>	abn
" <i>dracunculoides</i>	a few
" <i>ludoviciana</i>	abn
"	"
<i>Gentiana</i>	very little
<i>Solidago rigida</i>	com
" <i>missouriensis</i>	"

Achillea millefolium
Paillardia com
Brauneria "
Ratibida "
Grindelia along road
Gaura coccinea "
Oenothera big ^{up} yellow
Morolia rose, "
Anemone canadensis ^{open}
Potentilla anserina a little
Nyctaginia in field.
Potentilla big
Oxycarpus lambertianus
Zagadimus

Grammae grass, very little
 Stipa abu.
 other grasses in great
 variety.

Anthropus com in 1903
 last seen in 1904.

Odontocylus lucinus?
 1 pr. from Gordon's N.
Citellus sieboldii abu
 " 13 vivatus a few. 1.

Peromyscus bairdi com.

Oryzomys 1

Microtus drummii com.

Perognathus fasciatus 1

Felis com in crabs.

Erithacus, 1 near Kenmore

Thomomys a few

Lepus campestris "

Canis latrans a few

Vulpes fulvus "

Putorius longicauda 1

Taxidea com.

Reptiles etc

Eutamias 2

Green frog com

Warty toad com

July 11

Acti
Gail
Bra
Rat
Gr
Gau
De
Me
Am
Pal
N
Pa
Or
Z

Left Crosby 7:15 A.M.

Kenniston 10

Kummar 10:30

Kummar, July 11 -

Chauliastur streperus, abn.
Podilymbus podiceps com.
Colymbus auratus a few
" *n. californicus* com
Fulica + yf. com
Botaurus com
Rallus virginianus com
Porzana carolina "
Ceryle alcyon 1
Buteo swainsoni com
Circus hudsonius a few
Ereuneta rubida "
Anas boschas "
Totanus leucipes abn
Helidromas solitarius 1
Colaptes com
Tyrannus verticalis com
" *Tyrannus* com
Chordeiles + yf. "
Corvus heard
Xanthocephalus + yf. com
Cyanocephalus ?



July 11

Ack
Gail
Bra
Rat
Gr
Gau
Der
Me
An
Pat
Mi
Pat
Or
Za

Left Crosby 7:15 A.M.

Kumistons 10

Kumware 10:30

Kumware, July 11 -

Chondestes streperus, abn.
Podilymbus podiceps com.
Colymbus auratus a few
" *californicus* com
Fulica spp. com
Botaurus 1 com
~~*Callis virgatus*~~ com
Pezomachus carolinensis "
Ceryle alcyon 1
Buteo swainsoni com
Circus borealis a few.
Circus hudsonius com
Ereuneta rubida "
Anas boschas "
Totanus flavipes abn
Helidromas solitarius 1
Colaptes com
Tyrannus verticalis com
" *Tyrannus* com
Chordeiles spp. "
Corvus heard
Xanthocephalus spp. com
Cyanocephalus ?

Zenaidura	a few to
Aegialius	abn
Motothrus	1
Sturnella	com
Calcarius ornatus,	a few
Poocetus	com
Ammodramus	"
Coturniculus ?	
Melospiza	a few
Spizella pallida	com
Passer domesticus	"
Oxyechus	"
Actitis macularia	2
Mimus cardinensis	4
Mirula migratoria	3
Dendroica	
Geothlypis	com
Marsh wren, long billed	a
Sterna hircundo	2
Icterus galbula	1 imm.
Bobolink	1 ad.

Aythya valisineria,	upated
Aythya americana,	com
Plutail	"
Ruddy	"
Gadwall	"
Anas boschas	"
Anserquidula discors	"
Maxila	?
Botaurus	com
Porzana	"
Sterna hircundo	2
Hydrochelidon	com
Sympterna	2
Icterus pleuripes	abn
Plalopus lobatus	
Actitis	
Oxyechus	
Tringa minutilla	6
Bartramia	8 yg. a few
Pediocetes	8 yg. com
Tympanuchus	"
Zenaidura	"
Chordeiles	+ yg. a few

Colaptes 799. com.
Ceryle a few
~~Corvus~~

Tyrannus tyrannus com.
" verticillatus "

Empidonax minimus 1
" trailii, com

Otocoris "

Corvus 3

Euphagus ?

Agelaius abn.

Sturnella "

Ramphocelus "

Melospiza a few

Lanius excubitorides 199.

Dolichonyx 5 ad. 1

Passer domesticus abn.

Melospiza a few

Pooecetes com

Spizella pallida "

Ammodramus "

Calcarius ornatus

Ostraglinus tristis 4

Pipilo arcticus ? 1

Hirundo a few

Clivicola riparia com.

Geothlypis "

Deerlickia aestiva "

Toxostoma 4

Sturnella 4

Mirula 3

Longtubed Marshwren a few

Hypothymis 1 heard.

Kennmare, July 11-17

Negundo

~~Alnus~~

Fragaria

Populus tremuloides

" cottonwoods, planted,

Ceanothus

Penus americanus

" melanocarpa

" pin.

Lepargyrea argentea

Elaeagnus argentea,

Symphoricarpos

Rubus strigosus

Salix ^{tr}

" cordata

"

"

Rosa

"

Amelanchier

Amorpha canescens

Glycyrrhiza

Astragalus 3

Aragalus 2

Pozala angophylla

" esculenta

Petalostemon violacea

" white

Pulsatilla patens,

Gen. triflorum

Potentilla

Gutierrezia

Ratibida

Brauneria

Gaillardia

Agoseris

Actinisia frigida

" ludoviciana

" dracunculoides

Grindelia

Achillea

Corelus

Malvastrum coccineum
Gaura coccineum
Utricularia rose
Oenothera biennis

Mammillaria vivipara
Lupinus albus
Arabis sarcophylla

July 14 to Tolley & River

Bartramia + yg. a few
Actitis + yg. "
Oxyechus "
Falco sparverius 1
Archibuteo ferrugineus 1
~~*Accipiter*~~ *Circus*
Ceryle 1
Sphyrapicus 1
Tyrannus tyrannus com
 " *verticalis* "
Coccyzus erythrophthalmus 1
Zonotrichia leucophrys 1 ♂
Rhyacophanes virens a few
Cathartes aura com.
Quiscalus mexicanus a pair
Icterus galbula yg. 3
Vireo swainsoni 2
Molothrus com
Troglodytes 2
Pica 1, nuptial. + others in winter.

Kennmare July 11-17

July 17 to Robells

<i>Pitellus richardsoni</i>	abn
" <i>thlineatus</i>	com
" <i>franklini</i>	1
<i>Peromyscus</i>	com
<i>Zapus</i>	1 com
<i>Microtus rivas</i>	com
" <i>p. modestus</i>	"
" <i>drummondii</i>	"
<i>Fiber</i>	"
<i>Castor</i> , in Mouse R.	"
<i>Erethizon</i> " " a few	
<i>Thomomys</i>	"
<i>Lepus americanus</i>	com
" <i> campestris</i>	"
<i>Canis</i>	a few
<i>Vulpes</i>	"
<i>Procyon</i> , Mouse R.	"
<i>Lynx</i>	"
<i>Mephitis</i>	"
<i>Putorius</i>	"
<i>Sorex personatus</i>	2
" <i>richardsoni</i>	1

<i>Buteo swainsoni</i> & yg.	
<i>Circus accipitrinus</i>	7
<i>Falco sparverius</i>	3
<i>Empidonax minimus</i>	1
<i>Lanius galbula</i> , a family,	
<i>Zonotrichia querula</i>	1
<i>Mareca affinis</i>	100
<i>Larus philadelphia</i>	7
<i>Petrel sandpiper</i>	1
<i>Willie</i>	4
<i>Euphagus cyanocephalus</i>	com
<i>Erasmolus rubida</i>	com
<i>Mareca affinis</i>	a few
<i>Euphagus</i>	com
<i>Larus franklini</i>	1
<i>Actitis</i>	2
<i>Hedraea solitaria</i>	1
<i>Spizella</i>	1
<i>Leucidura</i>	a few

Beverly Lake

Widgeon	abn
Canvasback 999	com
Ruddy	"
Gadwall	abn
Pintail	"
Bluewing Teal	com
Larus philadelphia	20
Hydrochelidon	com
Botaurus	"
Phalaropus	abn
Yellowlegs	"
Columbus n. calif	"
Podilymbus	a few
Circus	21
Buteo	2
Asio	a few
Short billed Marsh Wren	com
Sayornis saya	99, 2
Rhyacophanes maculosa	pr
Coccyzus ornatus	com
Fulica	"
Scolopax oryzophila	"

Wards Lake

Podilymbus	a few
Colymbus n. calif	abn
" auritus	a few
Erasmia rubida	com
Mareca affinis	a few
Spatula clypeata	"
Gadwall	abn
Pintail	"
Buteo	a few
Coot	abn
Bartramia	com

Twin Lakes at Steeps Pass
July 18

Columbus n. californicus	abn.
Podilymbus ^{aerophilus, yg. 2}	a few
Gadwall	9 yg abn
Pintail	+ yg "
Bluebill	com
Bluewing teal	+ yg "
Greenwing	1 + yg
Shoveler	+ yg a few
Ruddy	"
Larus philadelphia	"
Hydrochelidon	abn
Willet	com
Larus yellowlegs	"
Phalarope	abn
Petrel	com
Least	1
Killdeer	+ yg com
Bartramia	" "
Coot	" "
Rail	heard
Bittern	a few
Sandhill Crane	1

Pediocetes + yg, 1/2 yg. 1 flock

Circus	com
Short eared owl	a few
Nighthawk	"
Tyrannus tyrannus	com
" verticalis	a few
Xanthocephalus	com
Euphagus	"
Agelaius	"
Melospiza	"
Scolecophagus	"
Sturnella	"
Icterus galbula	heard,
Caloscoptes	a few
Calcarius	com
Poocetes	"
Ammodramus	"
Otocoris	"
Hirundo	a few
Geothlypis	"
Long billed marsh wren	"

Thompson Lake

Franklin gull	1
Actitis	2
Red head	com
Ruddy	"

Lastwood Lake

Piping		
King plover	3 yg, 2 ad.	
Little sandpiper	prattles	com
Petrel		"
Bairds		"
Crow		2, 8,
Killdeer		com
Actitis		"
Yellow legs		"
Gadwall		abn
Pintail		"
Ruddy		"
Bluewing	7 yg	"
Shovlers	"	com
Mallards	"	"
Scaps		afew
Red head		"
Colymbus n. calif.		abn
Podilymbus		afew
Zarus philadelphia		afew
" frontini		1
Hydrochelidon		abn
Fulcr		com
Rail		heard
Bittern		afew

Phalarope - abn.

Pedicularis 299. 1 flock

Bulio swanensis nests

Circus a few

Asio "

Chordeiles "

Tyrannus 2 "

Otocoris com

Euphagus "

Agelaius "

Melospiza "

Xanthocephalus :

Sturnella "

Scolecophagus "

Calcarius "

Rhyacophanes "

Poaeetus "

Ammodramus "

Geothlypis a few

Dendroica aestiva 1

Hirundo a few

Marsh wren - 1 b - "

Bank Swallows 2 yg

Parsons
Lake 20 mi. W. of Kumare

Godwits 8

Green-winged teal 8 yg. 2

Scalp com

Godwit abn

Pir "

Shoveler "

Ruddy com

Blue-wing "

Mallard a few

Redhead "

Sablick "

Eared abn

Coot "

Ring-billed gull a few

Franklin's 1

Hydrochelidon 4 yg. abn

Fair head

Bittern a few

Stilt sandpipers 1

Baird com

Petrel "

Emipalmated "

July 20

Left Kinnear 9:30 PM
Minot 11 P.M.

July 21 Minot

Quercus macrocarpa

Ulmus

Negundo

Fraxinus

Prunus

Populus tremuloides (N.E. yellow)

Elagmus

Symphoricarpos

Salix

Lepargyrea

com

Cornus

Amelanchier

Populus pennsylvanica, a few

Celtis

Rosa 2

Moraria

Cardus

Helianthus

Gerardia

Artemisia frigida
- *ledeburiana*

Ratibida

Brassica

Pulsatilla patens

Antennaria

Solidago 2 23

Proserpinaca angustifolia

Petalostemon violaceus

- white

Glycerhiza

Astragalus

Aragalus

Custer 1 east of

Berthoud

All prairie, glacial,
a few sloughs

Calisno, top of Coteau

Monard, short grass

Stanby

Coteau

2257

2262

White earth, 2096

First trace of badland
in open thickets in NE gulch
Short grass, and -

Psaltriparus 1

Actitis macularia

Lanius ludovicianus - 1, 12

Corvus 3

Ray - non level
lower, warmer?

Helianthus annuus 1 com

Williston

Artamus cana abn

Helianthus annuus "

H. Buford 6 P.M.

Buford July 22

Podiceps 10

Symphoricarpos?

Zenaidura a few

Archibuteo lagopus 2, 4

Circus com

Falco sparverius "

Chordeiles a few

Tyrannus tyrannus "

" *verticalis* "

Sayornis sayi 3

Pica 11

Corvus 3

Euphagus com

Lanius 1

Chondestes com

Poocetes "

Spizella pallida?

Hirundo 1

Toxostoma 1

Dumetella 1

Sturnella com

Salpinctes 3

Troglodytes 2

Mirafra m. propinqua 1

Sialia sialis ad & yg,

Colaptes cafer
" auritus
Astragalinus tristis a few.

Atalapha 3 lined
Peromyscus
Microtus mordax
Thomomys
Lepus campestris
Sylvilagus mexicanus
Canis latrans
Erithizon

Buford

Prunus pennsylvanica abn.

" cordata "

Negundo "

Fragaria "

Viburnum "

Juniperus virginiana com

" communis 1 bush
" procumbens com

Prunus melanocarpa "

" americana "

Amandavicia "

Lepargyrea argentea "

Elaeagnus "

Cornus "

Symphoricarpos "

Rosa 2 "

Ribes 2 3. "

Rhus trilobata "

" Toxicodendron "

Ampelopsis in gutches



Colaptes cafer
 " auritus
 Astragalinus tristis a few.

Attilus / zlineatus
 Peromyscus
 Microtus mordax
 Thomomys
 Lepus campestris
 Sylvilagus naumai
 Canis latrans
 Erithizon

Buford

Populus fremonti abn.

Salix cordata
 "

Negundo "

Fraxinus "

Ulmus "

Juniperus virginiana com
 " communis 1 bush
 " procumbens com

Prunus melanocarpa "

" americana "

Amelanchier "

Lepargyrea argentea "

Elaeagnus "

Cornus "

Symphoricarpos "

Rosa 2 "

Ribes 2-3. "

Rhus trilobata "

" Toxicodendron "

Ampelopsis in gulches

Artemisia cava abn
" frigida "
" ludoviciana "

Chrysothamnus graveolens com
" white com

Gutierrezia euthamiae com

Helianthus annuus "

Grindelia "

Brauneria "

Ratibida "

Gaillardia "

Sarcobatus a little

Atriplex nuttallii com

Suaeda "

Eurotia lanata "

Munzulia big a few

Opuntia missouriensis com

" fragilis rare

Mammillaria "

Yucca angustifolia com

Plantago patagonica "

Glycerhiza hirsuta "

Psoralea argophylla "

" esculenta a little

Astragalus "glabrata" com

" canyoanus? "

Aragalus big "

" little "

Petalostemon ridgwayi "

" canadensis "

Zinnia mexicana "

" nuttallii big yellow "

" little yellow "

Eriogonum on rocks "

" " "

Gaura coccinea "

Oenothera biennis a few

Muhlenbergia rosea com

" little yellow "

Moraea horsemint "

Claytonia integrifolia a little

Malvastrum coccineum

Lygodesmia Drake's seed

Polygona alba com
Pentstemon gracilis "
Carduus "
Geum not 3 folium a. p.
Aster "
Solidago 3
Thermopsis montana 4 w
Trifolium on buttes, dwarf com
Phlox Douglasii on buttes
Gilia dwarf "
Cilastis scandens? com
Lactuca pulchella "
~~*Lycopodium*~~ juncea "
Anemone patens "
Ambrosia 2, big
Xanthox
Russian thistle

Calamovilfa longifolia com
Agropyrum tenerum "
" viduatum "
Bouteloua oligostachia "
Andropogon scoparius "
Koeleria cristata "
Stipa comata "
" virgula "
Distichus maritima "
Calamagrostis stricta?
Hordium jubatum abn.

Williston, July 24-27

Acass River
+ to Banks

Same plants as at Bayport

Salix cordata

" *interior*

" *fluvialis*

Populus fremontii

" *tremuloides*, in NE gulches

Alnus

Fraxinus

Myrica

Lepargyrea

Cornus

Crataegus

Prunus 2

Amandulus

Potamogeton

Elaeagnus

Rhus trilobata

" *toxicodendron*

Rosa 3

Symphoricarpos

Cornus

Ribes 3

Juniperus 3

Artemisia 5

Chrysothamnus graveolens

" *canadensis*

Gutierrezia serotina

Brauneria

Ratibida

Helianthus annuus

"

"

Solidago 5

Aster

Achillea

Antennaria

Eriogonum 2

Glycerhiza

Astragalus

Aragalus

Petalostemon viduus

" *canadensis*

Solanum rostratum

Psoralea argophylla

Psoralea esculenta
" *glandulosa*

Vicia

Vitis

Clasaris

Ampelopsis

Smilax

Striptopus

Chenopodium

Humilis lupus

Apoecynum

Myrica

Ambrosia trifida

" *big*

Xanthium

Spartina cynosuroides

Muhlenbergia racemosa

Elymus canadensis

Agrropyrum spicatum

" *tenerum*

Andropogon scoparium

Stipa comata

" *virida*

Williston + Vac

Podilymbus July 23-27.

Pintail + 49. ^{afw} abu

Blue wing " "

Coot " "

Botaurus com

Ardea herodias 3

Pelecanus erythrorhynchos 1

Pelecanus + yg. 2 flocks

Zenaidura com

Chordeiles "

Numenius longirostris 1

Colaptes cafer 1 + hybrids

" *auratus* com. + hybrids

Melanerpes 3

Atocoris com

Corvus "

Xanthocephalus "

Empidonax abu

Agelaius "

Quiscalus 2

Sturnella com

Astragalinus afw

Melospiza "

Spizella pallida "

<i>Cyanospiza bicolor</i>	2
<i>Chondestes</i>	com
<i>Pooecetes</i>	"
<i>Calcarius ornatus</i>	"
<i>Pipilo arcticus</i>	"
<i>Lanius</i> + yg.	"
<i>Vireo olivaceus</i>	"
<i>Ampelis cedrorum</i>	"
<i>Progne</i>	3
<i>Hirundo</i>	a few
<i>Chaetura pelagica</i>	2
<i>Harporhynchus rufus</i> , a few	
<i>Sturnella</i>	"
<i>Icteria v. longicauda</i>	2
<i>Dendroica aestiva</i>	a few
<i>Geothlypis</i>	com
<i>Troglodytes</i>	"
<i>Salpinctes</i>	"
<i>Merula m. propinqua</i>	3
<i>Parus sphenothorax</i>	a few
<i>Hydrochelidon</i>	1
<i>Cathartes aura</i>	3
<i>Pica</i>	com
<i>Circus</i>	2
<i>Falco sparverius</i>	com

Williston + Vic

<i>Cervus</i>	old horns
<i>Odocoileus macrourus</i>	com
<i>Eutamias</i>	"
<i>Citellus richardsoni</i>	abu
" <i>13lineatus</i>	com.
<i>Peromyscus amabilis</i>	1
" <i>sonoriensis</i>	abu
<i>Mus musculus</i>	"
<i>Neotoma cinerea</i>	a few
<i>Microtus mordax</i>	1
" <i>modestus</i>	
<i>Eutamias</i>	2
<i>Fiber</i>	a few
<i>Castor</i>	"
<i>Thomomys</i>	"
<i>Erethizon</i>	"
<i>Sylvilagus</i>	abu
<i>Lepus campestris</i>	a few
<i>Canis</i>	"
<i>Lynx</i>	"
<i>Sorex</i>	1

July 28 To Minot 7am.
left 9 a.m.

Velva
Balfour
Drake
Max
Washburn
Bismarck

July 29 Bismarck

Chordeiles	com
Progne subis	"
Chaetura pelagica	"
Chordeiles	"
Empidonax	"
Vireo swainsoni	"
Quiscalus	2
Sialia sialis	5
Planesticus	com
Melanerpes	1
Geus canadensis	1
" melanurus	1

from near Mandan

July 30 Mandan to H. Clark

Oniscus maculosa
Fragaria
Ulmus
Populus fremontii
" tremuloides
Salix cordata
" interior
" amygdaloides
Cornus
Prunus melanocarpa
" americana
Lysargyrea
Elaeagnus
Nerandus
Ribes
Rosa
Symphoricarpos
Rubus strigosus
Vitis

Amorpha canescens, com
 " *saripolia* a few
Psoralea argophylla com
 " *esulata* "
Astragalus "
Glycyrrhiza "
Psoralea violacea "
 " *canadensis* "
Polygala alba "
Helianthus annuus abn.
 " *rigidus* com
 " *tuberosa* "
 " *petiolaris*? "
Solidago 5 "
Aster com
Ratibida pinnatifida "
Brauneria angustifolia "
Gutierrezia "
Colusis "
Cimicifuga racemosa "
Actinidia cava a few
 " *pigida* com
 " *lutea* "
 " *cruciatifolia* "
Lagotis purpurea com
Lactuca pulchella "

Pulsatilla patens com
Oenothera - little yellow "
Mercurialis annua a few
Composita com
Malvastrum coccineum "
Plantago patagonica, a little
Apocynum a few
Rhus trilobata "
 " *toxicodendron* com.
Mentzelia laevicaulis, at Rio.
Solanum rostratum at Mandan.
Bartonia distachya
Rubia crustata
Calamovilfa longifolia
Agropyrum tenuis
 " *vidua*
Andropogon scoparius
 " *purpureus*
Stipa comata
Calamagrostis stricta

July 31 ~~1st~~ Pisgah 1:15 P.M.

Mandan

Glen Kln

Zaghnest

First Prairie dogs

3 mi. E. of Hebron

Dillen

Medara P.S., 2 mi. E.

Populus fremontii

Ulmus
fraxinus viridis

Nyctaginia

Pinus ponderosa a few on hills

Juniperus scopulorum, in gulches

" communis
" procumbens, on hills

Prunus melanocarpa com.

Lepargyrea argentea "

Atriplex confertifolia "

" nuttallii "

"

Bigelovia graveolens com.

Chrysothamnus

Gutierrezia

Eurotia

a little

obn.

Symphoricarpos - com.

Donelia com

Eriogonum white, on hills

" yellow "

Achillea cana obn.

" tridentata a little

" frigida com

" ludoviciana "

" dracunculoides "

Grindelia obn.

Helianthus annuus "

Chrysopsis "

Lygodesmia juncea com

Xanthium "

Prosopis juliflora a little

" serotina "

Chama obn.

Microtis pennsylvanica a little

Symphoricarpos com

Chrysothamnus "

Rhus trilobata "

Salix 3 "

Zinnia "

Ratibida "

Prunella - a little

Plantago purshii "

Rosa -
 Panicum :
 Oryzopsis com.
 Calamovilfa longifolia "
 Spartina cynosuoides "
 Agropyrum tenerum com.
 " ^{viridulum} "
 Bouteloua oligostachia "
 " little "
 Stipa comata "
 " viridula a little
 Distachis spicata com.
 Opuntia missouriensis com
 " fragilis a little
 Yucca com
 Muntzulia leucocantha "
 Solanum rostratum "
 Linn. lewisii "
 " rigidum "
 " tall yellow "
 Malvastrum coccineum
 Prunella
 Polygala alba

Aug. 2+3 N. D. Nat. Forest.

Pinus ponderosa NE com
 Juniperus scopulorum " "
 " procumbens " "
 " communis " a few
 Populus pruneti com
 " Tremuloides NE. a few.
 Salix 3 along stream
 Betula occidentalis NE a few
 Crataegus com.
 Philadelphus americanus 3-4 a few
 Prunus melanocarpa abn.
 " americana "
 " roseae SW com.
 Lysichiton argentea abn.
 Amelanchier com
 Fraxinus viridis "
 Nyquisto "
 Ribes aureum "
 " black a few
 Geosularia com.
 Rhus trilobata SW com
 " tox. bottom "
 Symptlocarpus abn
 Rosa 2 or 3 "

<i>Potentilla fruticosa</i>	NE	com.
<i>Cornus Tobomifera</i>		"
<i>Vitis ?</i>		
<i>Celastrus</i>		com.
<i>Clematis</i>		"
<i>Impatiens ?</i>		
<i>Arnica cava</i>		abu
" <i>tridintata</i>	NE	apud
" <i>ludo-</i>		abu
" <i>gnaphaloides</i>		com.
" <i>dracunculoides</i>		"
" <i>frigida</i>		abu.
<i>Chrysothamnus graveolens</i>	SW. 700.	com.
" <i>canescens</i>	SW	"
<i>Gutierrezia</i>		a little
<i>Eolidago</i> 4		com.
<i>Aster</i>		"
<i>Chrysoma</i>		"
<i>Helianthus annuus</i>	flats	"
" <i>rigidus</i>	mesas	"
<i>Lygodesmia juncea</i>		com.
<i>Lactuca pulchella</i>		"
<i>Brauneria</i>		"
<i>Liatris</i>		"
<i>Rotifida</i>		"
<i>Cirsium</i>		"
<i>Achillea</i>		"
<i>Greudelia</i>		"

<i>Arctostaphylos uva-ursa</i>	NE. a little
<i>Atriplex confertifolia</i>	SW a little
" <i>nuttallii</i>	" abu.
<i>Plantago purshi</i>	"
<i>Eurotia lanata</i>	"
<i>Sarcobea</i>	com.
<i>Mentzelia laevicaulis</i>	SW
<i>Eolamium rostratum</i>	a little
<i>Psoralea argophylla</i>	com.
" <i>esculenta</i>	"
" <i>tenuiflora</i>	sand, abu.
<i>Gymnocarpos</i>	com.
<i>Lupinus pusillus</i>	flats, a little
<i>Thermopsis montana</i>	NE. "
<i>Petalostemum vidua</i>	com.
" <i>white</i>	"
<i>Amorpha microantha</i>	a little
<i>Astragalus canyocarpus</i>	"
<i>Oraogala lumbiana</i>	"
<i>Eriogonum</i>	white com.
" <i>tall white</i>	a little
<i>Yucca glauca</i>	SW com.
<i>Opuntia missouriensis</i>	SW "
" <i>fragilis</i>	top "
<i>Yucca missouriensis</i>	top a little
<i>Linum rigidum</i>	& nuttallii com.
" <i>lewisii</i>	"

<i>Calamagrostis longipolia</i>	com
<i>Andropogon comata</i>	"
" <i>purcata</i>	few
<i>Oryzopsis n. and</i>	a little
<i>Stipa comata</i>	com
" <i>viridula</i>	"
<i>Bouteloua curtipendula</i>	abn.
<i>Agropyrum tenuis</i>	"
" <i>viridula</i>	"
<i>Calamagrostis stricta</i>	com
<i>Dactylis spicata</i>	"

<i>Monarda</i>	bottoms	com
<i>Malvastrum coccineum</i>	tops	"
<i>Gaura</i>	"	"
<i>Merolix serrulata</i>	"	"
<i>caespitosa</i>	"	"
<i>Lotus americanus</i>	on seed.	abn.
<i>Trifolium</i>	"	"
<i>Dracaenanthus</i>	"	"
<i>Lupinus humilis</i> , com in gulches	"	"

Aug. 2+3, N.D. Nat. Forest.

<i>Ardea herodias</i>	1 on deep Cr.
<i>Centurus</i>	- a few
<i>Pedroetes</i>	com.
<i>Zenaidura</i>	"
<i>Burramia</i>	a few
<i>Agelaius</i>	"
<i>Buteo swainsoni</i>	1 dead
<i>Aquila chrysaetos</i>	1
<i>Circus</i>	a few
<i>Falco sparverius</i>	com.
<i>Megascops</i>	seen heard 2 (Eul)
<i>Chordeiles</i>	a few
<i>Oryzobates</i>	3
<i>Melanerpes</i>	com.
<i>Colaptes</i>	"
<i>Sayornis sayornis</i>	"
<i>Tyrannus tyrannus</i>	"
" <i>verticalis</i>	a few
<i>Corvus</i>	"
<i>Pica</i>	com.
<i>Molothrus</i>	a few
<i>Euphagus</i>	com.
<i>Sturnella</i>	"
<i>Otocoris</i>	"
<i>Pipilo arcticus</i>	"

<i>Rhyncophanes macrurus</i>	com
<i>Calcarius ornatus</i>	"
<i>Poocetes</i>	"
<i>Chondestes</i>	a few
<i>Spizilla pallida</i>	com
<i>Dendrospiza</i>	3
<i>Loxia</i>	hand
<i>Astragalinus</i>	a few
<i>Lanius</i>	com
<i>Troglodytes</i>	"
<i>Icteria</i>	"
<i>Geothlypis</i>	a few
<i>Parus septentrionalis</i>	"
<i>Bonibiculus</i>	com.
<i>Agelaius</i>	"
<i>Salpinctes</i>	"
<i>Melospiza</i>	nesting
<i>Actitis</i>	2
<i>Bubo</i>	hand
<i>Sialia</i>	"
<i>Oenatella</i>	2 (J.)
<i>Passerina</i>	20
<i>Anthus spangui</i>	2
<i>Ammodramus</i>	2

Agelaius - ~~nesting~~ a few

Hirundo town "

Riparia " "

Mammals

Ovis

Antilocapra, a few

Dicotyles ~~macrurus~~, a few
" ~~hemionus~~, very few

Eutamias pallidus, com

Citellus / *skinn.* *pallidus*, com.

Agromys 1 town

Peromyscus com

Erethizon "

Fiber "

Sylvilagus bachmani "

Lepus campestris "

Thomomys "

Lynx canadensis a few

Felis ^{ninta} com.
a few

Canis 2

Vulpes 2

Urocyon a few

Taxidea "

Aug. 5 - left Central Butte
at 9 PM.

Arrived Glendora 10:30

Aug 6 - Glendora to A.M.

Arrived Billings 11:30

Found no Canyon wrens

Returned to Huntley 8-9 PM

Aug. 7. Huntley to
Sheridan 8:20 to 12:30

Aug. 9. Sheridan to
Wolf & Eaton's Ranch
18 miles. 8-2

Wolf Creek Aug. 10

<i>Pinus ponderosa</i>	4000-4700 ^{NE} 4200-7300 ^{SW}
<i>Populus angustifolia</i>	- 6800
<i>Betula fontinalis</i>	- 6700 ^W
<i>Cercocarpus angustifolius?</i>	4200-6000 ^{SW}
<i>Juniperus scopulorum</i>	4500-
" <i>procumbens</i>	- 8000+
<i>Prunus americana</i>	- 6700
<i>Crataegus velutina</i>	- 5500
<i>Ribes c. virginicum</i>	- 6000 ^{SW}
<i>Grossularia c. virginicum</i>	- 7300
" <i>setosa</i>	- 6700
<i>Amelanchier</i>	- 6000
<i>Lepargyreus argentea</i>	- 5000
<i>Opulaster</i>	4000-7500 ^{SW}
<i>Balsamorhiza hirsutifolia</i>	- 7300 ^{SW}
<i>Arctostaphylos uva-ursi</i>	4000-7700 ^{SW}
<i>Rhus glabra</i>	4000 - 6000
<i>Aspen</i>	" "
<i>Salix cordata</i>	- 7500 ^N
" <i>flaccida</i>	- 4000
" <i>amygdaloides</i>	- "
<i>Berberis repens</i>	4000-6700
<i>Cornus</i>	" "

Symphoricarpos occidentalis 4500
" *propinqua* 4500 - 8000^{SW}

Companula - 8000^{SW}
Monarda fistulata - 7500

Streptopus 4000 -

Pentstemon - 7500

Clematis - 4300

Rubus strigosus - 7700

Geranium big 4000^{NE} - 7500^{SW}

Calochortis 4500 - 7700^{SW}

Erythronium 4000 - 7500^W

Gaillardia - big - 7700^{SW}

Geum

Potentilla fruticosa 4000^{NE} - 8000^{SW}

Epilobium spicatum 4000 - 7500^{SW}

Cynophthalmus "

Acer "

Galium - 7500^{SW}

Linum lewisii - 7300

Lupinus big 4000^{NE} - 7500^{SW}

Glycyrrhiza lepidota - 5000^{SW}

Lithospermum - "

Pulsatilla patens - 7500^W

Fragaria - 8000^W

Companula 4000^{NE} - 7500

Solidago - "

Wash Creek

Canadian Spruce

Picea 4700 - 4500^{NE} - 8000^{NE} +

Pseudotsuga 4500^{NE} - 4000^{NE}

Populus tremuloides 4000^{NE} - 7700^{NE}

Acer glabrum 4000^{NE} - 4000^{NE}

Larix laricina " "

Juniperus communis 4000^{NE} - 8000^{NE} +

Pinus strobus, 7000 - 8000^{SW}

Grossularia wolfi (Hb) 4700^{NE} - 7700 +

" *saxifraga* 4700 - "

" *officinalis* - 8000 +

Pinus murrayana 4800^{NE} - 7500^{SW} - 9000 +

Arnica 7300 - 8000 +

Vaccinium 7300^{NE} - 8000 +

Salix glauca prostrata

Hemerocallis

Perovskia

Compositae

Mertensia 4700^{NE} -

Sedum douglasii? - 8000^{SW}

Sambucus racemosa 7500

Spiraea rosea 4700^{NE} - 8000

Pyrola 7000 - "

Salix, ad - "

Transition

<i>Yucca glauca</i>	- 7500 ^{SW}
<i>Catalpa</i> red	5000 - 7500 ^{SW}
" yellow	" "
<i>Artemisia frigida</i>	- 6700 ^{SW}
" <i>tridactyla</i>	- 6000 ^{SW}
" <i>dracunculoides</i>	" "
<i>Solidago</i>	
"	
<i>Aster</i> big	6000 - 7700 ^{SW}
<i>Helianthus rigidus</i>	- 7000 ^{SW}
<i>Cecilia</i>	- 8000 ^{SW}
<i>Rosa</i> 3	- 6700 ^{NE}
<i>Prunella</i>	6000 -

Big Horn Mts. Wyo.

<i>Avis</i>	afew
<i>Ceruus</i>	doing well
<i>Odocoileus hemionus</i>	com
" <i>vaconus</i>	rare
<i>Sciurus</i>	com
<i>Eutamias</i>	"
<i>Marmota</i>	"
<i>Peromyscus</i> 1 dozen	com
"	"
<i>Microtus mordax</i>	1
<i>Neotoma</i>	L
<i>Thomomys</i>	"
<i>Lepus campestris</i>	"
" <i>bairdi</i>	"
<i>Sylvilagus bairdi</i>	"
<i>Erethizon</i>	afew
<i>Felis</i>	"
<i>Lynx</i>	com
<i>Canis</i> - 2	"
<i>Vulpes vulp</i>	afew
<i>Procyon americanus</i>	1
<i>Sorex obscurus</i>	1
<i>Neosorex</i>	5
Bats	com

Wolf Creek Aug. 9-11

<i>Helidromas solitarius</i>	2
<i>Pedagoga</i>	1
<i>Dendroica</i>	com
<i>Spizella</i>	1
<i>Falco sparverius</i>	"
<i>Aquila chrysaetos</i>	2
<i>Circus</i>	com
<i>Colaptes cafer</i>	"
<i>Ceryle</i>	1
<i>Corvus americanus</i>	com
<i>Pica</i>	"
<i>Merula</i> at base	"
<i>Junco</i> " a few	
<i>Spizella arizonae</i>	"
<i>Melospiza</i>	"
<i>Passer</i> 2 at 6000	
<i>Cistothorus</i>	com
<i>Spiris</i> a few at 7000 feet	
<i>Proceras</i>	com
<i>Habia</i> 1 J.	
<i>Pyrausta ludo.</i>	com
<i>Vireo swainsoni</i>	-
<i>Empidonax</i>	"
<i>Contopus rich.</i>	"

Hammer Low-8000, com.
 White-throated Swift 1 (faint)
 Pipilo arcticus com.
 Salpinctes "
 Dendroica auduboni Low, a few
 " aestiva "
 Cinclus 1 (J.)

Sheridan

Eutamias consobrinus 2

Wolf & Sheridan

Populus angustifolia com, above
 " tremuloides a little, up.
 " fremontii com.
 Salix cordata "
 " amygdaloides "
 " flabratilis "
 Viguiera "
 Prunus americana "
 " wilsoni "
 Amelanchier "
 Crataegus "
 Lipargyrea arguta "
 Rhus trilobata SW "
 " Tox "
 Artimisia 5 abn.
 Solidago 4 "
 Helianthus rigidus com
 " annuus abn.
 Grevelia "
 Liatris com
 Xanthoxylon "
 Chrysopsis "
 Gutierrezia "
 Begonia tetipolia "

Aug 12 Shindao 12:50

<i>Fragaria</i>	com
<i>Ribes aureum</i>	"
" <i>d. virgatum</i>	"
<i>Rosa</i> 3.	"
<i>Lupinus</i>	"
<i>Psoralea argophylla</i>	"
" <i>tenella?</i>	"
<i>Glycyrrhiza</i>	"
<i>Astragalus</i>	"
<i>Aragalus</i>	"
<i>Chenopodium</i>	"
<i>Lupinus hirsutus</i>	"
<i>Malvastrum</i>	"
<i>Eurotia</i>	com in places
<i>Atriplex</i>	"
<i>Liatris</i>	com
<i>Verbena bectiona</i>	"
<i>Plantago</i>	"
<i>Yucca</i>	a few

Ches Creek V

<i>Sarcobatus</i>	abn
<i>Opuntia</i>	"
<i>Orizopsis</i>	"
<i>Populus fremontii</i>	"
<i>Atriplex</i>	"
<i>Eurotia</i>	"
<i>Zinnia</i>	"

Arvada - Aug. 12.

<i>Populus fremontii</i>	abn.
<i>Salix fluviatilis?</i>	com.
<i>Nyctaginia</i>	"
<i>Fraxinus</i>	
<i>Juniperus scopulorum</i>	a few
<i>Pinus melanocarpa</i>	a few
<i>Lipargyrea argentea</i>	"
<i>Rhus trilobata</i>	com.
<i>Ribes aureum</i>	a few
" <i>curcum</i>	com.
<i>Bigelovia</i> - 5	abn.
<i>Artemisia</i> - 5	"
<i>Citrifolx congestifolia</i>	com.
<i>Sarcobatus</i>	abn.
<i>Eurotia</i>	com.
<i>Sonchella</i>	"
<i>Opuntia</i>	abn.
<i>Artemisia</i> white	a few
<i>Plantago purshii</i>	com.
" <i>bracteata</i>	"
<i>Psoralea glandulosa</i>	"
" <i>tennifolia</i>	"

<i>Chione</i>	com.
<i>Solanum elaeagnifolium</i>	a few
<i>Mintzelia</i>	"
<i>Oriopsis</i>	abn.
<i>Bouteloua oligostachya</i>	"
<i>Iva axillaris</i>	"
" <i>xanthioides</i>	"
<i>Verbera bracteosa</i>	com.
<i>Yucca</i>	a few
<i>Helianthus annuus</i>	abn.
<i>Grindelia</i>	"
<i>Xanthoxylon</i>	"
<i>Salsola</i>	"
<i>Melilotus alba</i>	"
<i>Trifolium</i>	abn.

Arvada

Odocoileus hemionus, com.
ⁱⁿ *naevius* 5
Antilocapra com.
Eutamias *gambelii* 1
~~*Cynomys*~~ *abn.*
Neotoma 1 a few
Peromyscus sonoriensis abn.
Onychomys 1 com.
Rhithodonta 2 "
Mus musculus 1
Perognathus fasciatus 2
Perodipus abn.
Thomomys a few
Sylvilagus abn.

Canis rubescens com.
" *occidentalis* "

Sceloporus? *indicus* reported

Bats big a few seen
" little -

Aug. 13 to Gillette - 4546 ft.

Aug 14 - To Moorcroft.

4211 ft.

Populus fremontii com. abn.
Salix { *fluviatilis* "
 { *amygdaloides* "
Neurospora a few
Rhus trilobata a few
Actinidia tridentata abn.
" *cava* "
" *frigida* "
" *ludo.* "
Atriplex nuttallii "
Sarcobatus "
Opuntia abn.
Mammillaria a little
Yucca "
Piplovia gracilipes com.
" *grac.* "

Gutierrezia "
Helianthus annuus "

" "
Grindelia "
Chrysoopsis "
Liatris "

<i>Eurotia</i>	—		
<i>Eriogonum</i> 2	"	<i>Oryzopsis</i>	abundant
<i>Linum nuttallii</i>	"	<i>Olneya tesota</i>	"
" <i>rigidum</i>		<i>Andropogon</i>	"
<i>Psoralea argophylla</i> , little		<i>Culex cristata</i>	"
" <i>glandulosa</i>	abundant	<i>Calamovilfa</i>	"
<i>Glycyrrhiza</i>	—	<i>Agropyrum</i> 3	"
<i>Lupinus</i>	"	<i>Stipa</i>	"
<i>Astragalus bicolor</i> (purple)	"	<i>Spartina</i>	a few
" (yellow)	"	<i>Distichlis</i>	—
<i>Pentstemon</i>	"		
<i>Malvastrum coccineum</i>	"		
<i>Lygodium juncea</i>	"		
<i>Antennaria</i>	"		
<i>Amaranthus</i>	"		
<i>Solidago</i> 5	"		
<i>Trifolium</i>	"		
<i>Abronia</i>	"		

Moorecroft

<i>Oryzopsis</i>	a few
<i>Urophasianus</i>	com
<i>Zenaidura</i>	"
<i>C. ? Protista</i>	1 family
<i>Circus</i>	1
<i>Falco spar</i>	2
<i>Melanerpes</i>	1
<i>Colaptes cafer</i>	com
<i>Chordeiles</i>	2
<i>Tyrannus verticalis</i>	a few
" <i>tyrannus</i>	"
<i>Otocoris</i>	"
<i>Euphagus</i>	com
<i>Calamospiza</i>	"
<i>Chondestes</i>	"
<i>Pooecetes</i>	"
<i>Spizella breweri</i>	"
<i>Calcarius</i>	1
<i>Astragalinus</i>	
<i>Passer domesticus</i>	abund.
<i>Penthestes septentrionalis</i>	1
<i>Zonotrichia</i>	1
<i>Lanius</i>	1

Moorecroft

<i>Odocoileus hemionus</i>
<i>Antilocapra</i>
<i>Eutamias pallidus</i>
<i>Cynomys</i>
<i>Thomomys</i>
<i>Lepus campestris</i>
<i>Sylvilagus baileyi</i>
<i>Canis</i> 2
<i>Lynx</i>

Aug. 16 Stage 8 Sundance ^{7 AM}

Moorecroft	4400	4211
Ridge	5100	4900
Dinner station	4950	4750
Sundance ^{42 miles} 4 P.M.	4900	4750

<i>Cyanocaptes</i>	4
<i>Pica</i>	com

Sundanes Aug 16 -

Pinus ponderosa w

Juniperus 3 sp.

Quercus macrocarpa

Saxifraga cordata

"

Thymus

Fraxinus

Cercocarpus

Pinus americana

" *mutabilis*

Amelanchier

Lonicera arguta

Ribes americanum

Grossularia d. virginiana

Arctostaphylos uva-ursi

Berberis aspera

Symphoricarpos

Rubus strigosus

" *nutkanus*

Cornus stolonifera

Viburnum lentiginosum

Betula fontinalis

Ceanothus velutinus

Balsamorhiza sag.

Artemisia 5

Solidago 5

Gutierrezia

Bigelovia

Brainerdia

Liatris

Rosa 2

Psoralea argophylla

" *seculenta*

Geranium big

Linum lewisii

Wyethia ?

Pteridium

Apocynum

Epilobium spicatum

Aster

big purple

big pale purple

Ostrya

sand Cr.

Ulmus

"

Populus tremuloides
Betula alba
Lepargyrea canadensis
Jimifera communis
Corylus rostratus
Vaccinium myrtococcum
Linnaea
Prunus *pin.*
Salix *red*

Black Hills Aug. 27 & 28

Sorbus
Rubus nutkanus
Picea *reported a few*
Pteridium
Asplenium

Juncea
Opuntia
Ribes aurum
" *cerum*
Rhus hirtellata
Populus fremontii
Hibiscus arvensis
Gerardia
Chama
Salix
Mertzelia

Sundances + Bear Lodge Mts.

Onychomys	com
Helidromus	2
Long eared owl	1
Falco sparverius	com
Accipiter velox	2
Goshawk 3	3
Colaptes	com
Dryobates	a few
Parus	com
Bonasa	1
Buteo borealis	a few
Aquila	1
Zenaidura	com
Chordeiles	"
Perisoreus	6, 10
Pica	com
Euphagus	"
Sturnella	abn.
Procyon	"
Spizella pallida	"
" breweri	"
" arizonae	"

Junco	6 or 10
Astragalinus	"
Pipilo erythrophthalmus	a few
Habia melanocephala	reported
Lanius	a few
Vireo	"
Contopus rich.	"
Otocoris	abn.
Toxostoma	2
Penthestes sept.	com
Dendroica ludlowi	"
Salpinctes	"
Robins	abn.
Sialia arctica	"

Aug. 20 & 21, up Bear Lodge Mts. & down Sand Creek

Aug. 22 & 23 up Rattlesnake Can.
23 miles to 6000 ft.

Pedicularis 6000 abn
Bonasa " a few
Circus " 1
Buteo borealis 2
~~*Falco sparverius*~~ " in Valley
Colaptes abn
Oxybates a few
Sphyrapicus thyroideus 6000-3
Perisoreus 5000-6000
Nucifraga 1 6500 ft
Sturnella "
Phalaenoptilus 2 6000.
Contopus rich. heard "
Otocoris abn. in V.
Pipilo arcticus a few
Calcarius abn in V.
Pooecetes "
Spizella "
Junco c. 5000-6500
Astragalinus "
Dendroica auduboni "
Operosus "

Troglodytes - "
Penstemon sept - "
Robins abn. in V.
Sialia arctica abn. in V.
Ceryle alcyon 1 Sand Creek.
Cinclus 1 com
Tyrannus tyrannus 1
Negascops heard
Glaucochim described
Canturus virginianus, "

Sayornis saya com in valley
Bubo heard

Bear Lodge Mts. & Black Hills

Bison
 Cervus 42 old + 25 calves
 Odocoileus ^{old heads} ~~minimus~~ a few
 " ~~macrourus~~ "
 Sciurus hudsonius com
 Spermophilus "
 Eutamias abn
 Citellus 13 lin. com
 Neotoma "
 Peromyscus l. abn
 " m. "
 Zapus "
 Microtus longicaudus com
 " neckatus "
 " nanoides "
 Fiber bayleyi 3
 Eutamias 3 a few
 Eutamias 2 com
 Marmota reported com
 Cynomys a few
 Castor abn
 Thomomys a few
 Lepus campestris 1
 Sylvilagus "
 Felis com
 Lynx com
 Canis occidentalis a few
 " rubescens com

Neptitis com
 Zaidas a few
 Procyon com
 Vulpes fulvus a few
 Urocyon - described
 Ursus horribilis a few
 " a - never over any
 Putorius 2
 Lutrida a few
 Sorex 3
 Eptesicus fuscus 1 com
 Coronorhinus in caves, abn
 Myotis 2 com

Perognathus parvulus 1

Aug. 29 to Upton

Aug 31 Upton, 7:00 AM

Newcastle

Edgmont 9 AM.

Populus fremontii abn.

Salix

Sarcobatus abn.

Artemisia tridentata com.

" *canadensis* "

" *ludo. & gnaph.* "

Chrysothamnus gracilior "

" *small* "

Hesperanthus annuus abn.

Grindelia "

Xanthium "

Iva xanthifolia "

Liatris com.

Chama "

Eriogonum cymosum "

Edmonia sedata "

Opuntia abn.

Atriplex nutt. com.

Argemone platensis "

Euphorbia nivos "

Rhus "

Sept. 1 Edgmont, 9 AM

Custer, 11 to 5, bridge out.

Hill City 6 PM.

Deadwood 10 PM

Sept. 2 Left Deadwood 7 AM

Spearsfish 10 AM.

Sept. 3 Spearsfish to 8-10

Belle Fourche 10 AM.

2 Chadron, 5 to 12 P.M.

Sept. 3, Spearfish 8am
Bill Fouché 10 am

Pinus ponderosa

Quercus

Ulmus

Fraxinus

Negundo

Populus angustifolia

Prunus melanocarpa

Crataegus

Artemisia 5

Bigelovia graveolens

Gutierrezia

Solidago 4

Thermopsis

Leptis

Zenaidura , ~

Aspidosaurus torquatus 1

Colaptes , ~

Sturnella obs

Hirundo 5

Pica , ~

Galambus, a few

Corvus ~ 1

Populus tremula

Rhus trilobata

Ribes aureum

Opuntia

Yucca

Cleome

Euphorbia marginata

Solanum rostratum

Plantago purshiana

Helianthus annuus

Gravelia

Chrysothamnus graveolens

Eriogonum low white

Prunus besseyi

Bouteloua

Amaropogon , 3

Triptrocalyx uncinata

Sept. 4 Cheyenne, ^{arrived} 7:20

Casper

Sept. 5, Casper, left 11 am.

Cheyenne

7 PM.

Sept. 7, Cheyenne 8:30 AM.

Denver 12-3:30 PM.

Sept 8 -

Lincoln, Neb. arrived 5 AM.

Left Lincoln 2:10 PM

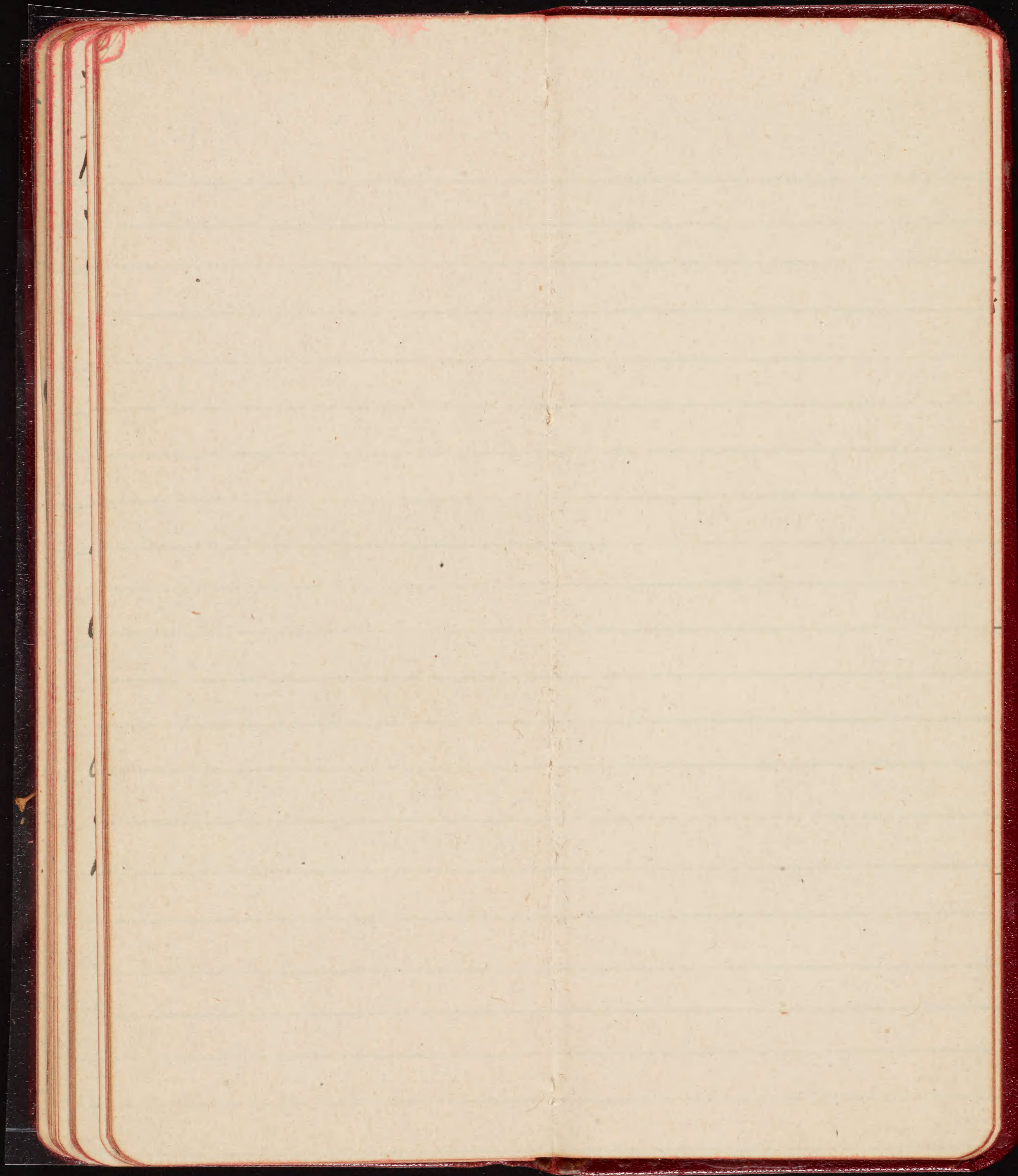
Omaha 3:30 to 7 PM

Sioux City 10:30 PM

Sept 9 left Sioux City 10 AM

Vermillion 11:30 AM

Sept. 10 -



R. B. Smith, Harding, S. D.
wants reports

~~195, 83, 32~~
~~94328, Estancia, Moorcroft, Aug 19~~
J. B. Boyden, on Sand Cr.
Boulder, Wyo.

Paul Kleinadam
Aladdin, Wyo.

Capt. St. John, Tinton W.
old time since 1875

Anthony Mills,
Sundance, Bearate nose.

G. W. Ashdown, old time
Sundance

E. A. Bock, at mine on peak
Sundance

L. C. Greene, prospector
Sundance

Mr. Storm, Sundance
Chas. Hutchins "

Chas. S. Small
Belle Fourch, S. Dak.

Dr. A. B. Chapin
Soldiers Home, Minn.
at Minnabota Falls

With early expedition in Dak.
with Mr. Loe.
A scientific man

H. E. Pick,
Kenmare, N. D.
Rockrick Pick
Godfrey Engdahl

Louis F. Crawford,
Martin
Kitchen

Sentinel Butte, N. D.

Bill Follier

Joe Myers
on little Missouri above
Mudara.

R. B.
W

14123 Apr 3

9432

Howard Eaton, Wyo.

J. B.

Alden Eaton

P.

Will

Paul

Capt

Col. Henry Hall, Post Bld.
Wash. Cos. Pittsburg tel. News?

Ant

Sid Mc Kinner, wolfer.
Arvada, Wyo.

G. W.

9418 Ent. ♀ 140, 45, 33

Se

9419 " ♂ 190, 85, 23

E. A.

" 20, Per. ♂ 183, 85, 21

Se

" 1 " ♂ 153, 63, 20

L. C.

" 2 Mid. ♂ 146, 46, 19

Se

" 3 Eyo. ♂ 149, 33, 19

Mr.

" 4 Aug ♂ 93, 34, 11,

Cha

9425 Bris ♀, Medora, skull

Chas.

6 " ♀ " "

Bel

7 " ♀ " "

8 Vulpes vulpes Mandan " "

9 " " " skull

9430 " " " "

1 Vulpes fulvus " "

Mr. Bass, owner and
Oleedale, N.D.

old timer, says Mr. Ives

Chas. Converse, Attorney

Schafers, N.D. friend of Bill

L. E. Ives, old soldier

Violen, S. Dak.

Mandolin Indian battle

in Killdeer Mts.

H. C. Fish, Curator,

Bismarck,

E. S. Cameron

Terre, Mont.



Bill Mumby
Ft. Buford,
old times & scout

Frank Chapman
Aberdeen
old times

C.E. Booth, Minto
taxidermist & antiquarian
& old times

C.H. Parker, owner
Leland Hotel, Minto
Has Mt. Lion killed
in N. Dak.

Mumma, taxidermist
Minto 217 S. Main

C.E. Booth
Minto, taxidermist

Carl Swenson
Zolney - beaver

Miss Grace Benton
Minto, N.D.
for 3 years waps

Mr. Mahone
Langdon

Dr. Getchell

Wales N.D.

H.E. Simpson
Grand Forks,
for topographic survey

Mr. Crawford
Sentinel Butte
Banks pros. & all road
interested

E.J. Brown
Kumar
Citizens

